

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	

37 CFR 1.98(b)

ATTY. DOCKET NO.
8001-1004SERIAL NO.
10/038,617APPLICANT
Hiroyuki MORITAFILING DATE
January 8, 2002GROUP
2881

SEP 03 2002

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
GSE	AA	5,948,291	9/99	Neylan et al.	219	121,77	
GSE	AB	4,632,512	12/86	Haerig et al.	—	—	
GSE	AC	4,530,098	7/85	Karaki	—	—	RECEIVED SEP -4 2002 TECHNOLOGY CENTER 2880
GSE	AD	3,655,268	4/72	Reynolds	—	—	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
GSE	AJ	0 859 261	8/98	European	—	—	
GSE	AK	1 405 531	9/75	United Kingdom	—	—	
GSE	AL	02249285	10/90	Patent Abstracts of Japan	—	—	
GSE	AM	61121379	6/86	Patent Abstracts of Japan	—	—	
GSE	AN	60003993	1/85	Patent Abstracts of Japan	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

AO	
AQ	

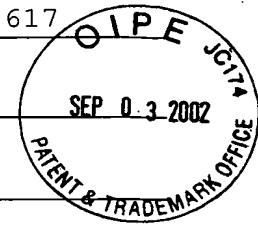
EXAMINER *Jeffrey S. Eram*

DATE CONSIDERED

April 1, 2003

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
GSE	AJ	59129485 59-129,485	7/84	Patent Abstracts of Japan	—	—	
	AK						
	AL						
	AM						
	AN						

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	AO	
	AP	
	AQ	

EXAMINER
Geoffrey A Evans

DATE CONSIDERED*April 1, 2003*

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